

SUBSTITUTE FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MELV/02CTSERIAL NO.
10/618,986INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT
David Boyd MelvinFILING DATE
July 14, 2003GROUP
3738

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
UC	A.A	2	8	2	6	1	9	3	3/1958	Vineberg			
	A.B	3	0	5	3	2	4	9	9/1962	Smith			
	A.C	3	4	5	5	2	9	8	7/1969	Anstadt			
	A.D	3	5	1	3	8	3	6	5/1970	Sausse			
	A.E	3	5	9	0	8	1	5	7/1971	Schiff			
	A.F	3	6	1	3	6	7	2	10/1971	Schiff			
	A.G	3	6	6	8	7	0	8	6/1972	Tindal			
	A.H	3	7	1	3	4	3	9	1/1973	Cabezudo			
	A.I	3	7	9	1	3	8	8	2/1974	Hunter et al.			
	A.J	3	8	2	7	4	2	6	8/1974	Page et al.			
✓	A.K	3	9	8	3	8	6	3	10/1976	Janke et al.			

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
UC	A.L	EP 0,583,012	2/1988	EPO			
	A.M	EP 119,357	9/1984	EPO			
	A.N	SU 1191-076-A	11/1985	Soviet Union			
	A.O	WO 00/06026	2/2000	PCT			
	A.P	WO 00/47270	08/17/00	PCT			
✓	A.Q	WO 00/0627	2/2000	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

UC	A.R	Melvin, D.V.; Conkle, D.; Roberts, A.; Stinson, E., "Cardiac Performance and Myocardial Contractility After Experimental Mechanical Ventricular Assistance", J. Thoracic and Cardiovascular Surgery Vol. 65, No. 6, June 1973.
	A.S	Melvin, D.B., "Cardiovascular Surgery: Myocardial Preservation, Cardiorespiratory Support I.", American Heart Assoc. Abstract, Circulation Part II, Vol. 68, No. 4; Scientific Sessions for Nurses; 37th Ann. Meeting; Nov. 14-17, 1983.
✓	A.T	Melvin, D.; Schima, H.; Losert, U.; Wolner, E., "Long-Term Ventricular Wall Actuation: Can and Should it be Systematically Explored?", Artificial Organs, Vol. 20, No. 1, 1996.

EXAMINER

DATE CONSIDERED

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Substitute Disclosure Form (PTO-1449)

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MC	B.A	4 1 9 2 2 9 3	3/1980	Asrican			
	B.B	4 5 3 6 8 9 3	8/1985	Parravicini			
	B.C	4 6 2 1 6 1 7	11/1986	Sharma			
	B.D	4 6 9 0 1 3 4	9/1987	Snyders			
	B.E	4 8 0 9 6 7 6	3/1989	Freeman			
	B.F	4 8 4 6 8 3 1	7/1989	Skillin			
	B.G	4 9 0 4 2 5 5	2/1990	Charelre et al.			
	B.H	4 9 3 6 8 5 7	6/1990	Kulik			
	B.I	4 9 5 7 4 7 7	9/1990	Lundback			
	B.J	5 1 0 9 8 4 3	5/1992	Melvin et al.			
	B.K	5 1 1 9 8 0 4	6/1992	Anstadt			

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
MC	B.L	WO 00/O6028	2/2000	PCT			
	B.M	WO 00/16700	3/2000	PCT			
	B.N	WO 00/O2500	1/2000	PCT			
	B.O	WO 01/95832	12/20/O1	PCT			
	B.P	WO 01/95831	12/20/O1	PCT			
	B.Q	WO 01/85061	11/15/O1	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

MC	B.R	Melvin, D.B., et al., "A Physical Analog of the Failing Left Ventricle for In Vitro Studies of Mechanical Wall Actuation", Artificial Organs, Vol. 20, No. 3, 1996.
	B.S	Melvin, D.B. et al., "Reduction of Ventricular Wall Tensile Stress by Geometric Remodeling Device", ASAIO Journal (Abstract), Vol. 45, No. 2 pg. 166, March 17, 1999.
	B.T	Melvin, D.B. et al., "Reduction of Ventricular Wall Tensile Stress by Geometric Remodeling Device", ASAIO Annual Meeting (Poster), June 1999.

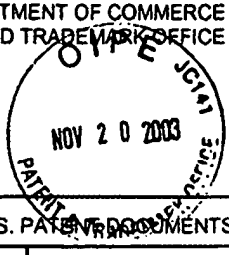
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Substitute Disclosure Form (PTO-1449)

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MELV/02CT	SERIAL NO. 10/618,966
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT David Boyd Melvin	
(37 CFR 1.98(b))				FILING DATE July 14, 2003	GROUP 3738



U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>MC</i>	C.A	5	1	3	1	9	0	5	7/1992	Grooters				
	C.B	5	1	3	9	5	1	7	8/1992	Corral				
	C.C	5	1	6	9	3	8	1	12/1992	Snyders				
	C.D	5	1	9	2	3	1	4	3/1993	Daskalakis				
	C.E	5	2	0	1	8	8	0	4/1993	Wright et al.				
	C.F	5	2	5	6	1	3	2	10/1993	Snyders				
	C.G	5	2	5	8	0	2	1	11/1993	Duran				
	C.H	5	3	3	4	2	1	7	8/1994	Das				
	C.I	5	3	4	5	9	4	9	9/1994	Shlain				
	C.J	5	3	5	8	5	1	9	10/1994	Grandjean				
<i>✓</i>	C.K	5	3	7	0	6	8	5	12/1994	Stevens				

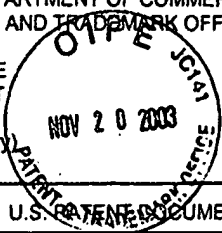
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
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<i>MC</i>	C.L	WO 01/95830	12/20/01	PCT			
	C.M	WO 01/28455	4/2001	PCT			
	C.N	WO 98/29041	7/1998	PCT			
	C.O	WO 99/30647	6/1999	PCT			
<i>✓</i>	C.P	WO 99/53977	10/99	PCT			
	C.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
<i>MC</i>	C.R	Melvin, D.B. , "Device-Induced Ventricular Geometric Remodeling: Appraisal of Critical Issues", J. of Cardiac Surgery (Accepted for publication), Presented at the 3rd Symposium of the Soc. of Cardiac Volume Reduction, April 9, 2000 in Osaka, Japan.
	C.S	U.S. Patent Application Publication No. 2001/0016675, Mortier et al.; <u>Stress Reduction Apparatus and Method</u> , August 23, 2001
<i>✓</i>	C.T	U.S. Patent Application Publication No. 2001/0047122, Vanden Hoek et al.; <u>Delivery of Cardiac Constraint Jacket</u> , published November 29, 2001

EXAMINER <i>Ali Chatterjee</i>	DATE CONSIDERED <i>11/18/2005</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT David Boyd Melvin			
(37 CFR 1.98(b))				FILING DATE July 14, 2003		GROUP 3738	



U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	PATENT NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
MC	D.A	5 3 8 3 8 4 0	1/1995	Heilman et al.								
	D.B	5 3 8 5 5 2 8	1/1995	Wilk								
	D.C	5 4 8 4 3 9 1	1/1996	Buckman, Jr. et al.								
	D.D	5 4 8 7 7 6 0	1/1996	Villafana								
	D.E	5 5 3 3 9 5 8	7/1996	Wilk								
	D.F	5 5 7 1 1 7 6	11/1996	Taheri								
	D.G	5 5 8 1 1 7 6	12/1996	Lee								
	D.H	5 5 9 3 4 2 4	1/1997	Northrup, III								
	D.I	5 6 5 5 5 4 8	8/1997	Nelson et al.								
	D.J	5 7 0 2 3 4 3	12/1997	Alferness								
✓	D.K	5 7 0 9 6 9 5	1/1998	Northrup, III								

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)		
D.L							
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D.P							
D.Q							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)	
D.R	
D.S	
D.T	

EXAMINER <i>Hi Chapman</i>	DATE CONSIDERED <i>11/18/2005</i>
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David Boyd MelvinFILING DATE
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MC</i>	E.A	5	7	1	3	9	5	4	2/1998	Rosenberg et al.			
	E.B	5	7	3	8	6	2	6	4/1998	Jarvik			
	E.C	5	7	3	8	6	2	7	4/1998	Kovacs et al.			
	E.D	5	7	4	9	8	8	3	5/1998	Halpern			
	E.E	5	8	0	0	5	2	8	9/1998	Lederman et al.			
	E.F	5	8	2	4	0	7	1	10/1998	Nelson et al.			
	E.G	5	9	1	0	1	2	4	6/1999	Rubin			
	E.H	5	9	5	7	9	7	7	9/1999	Melvin			
	E.I	5	9	6	1	4	4	0	10/1999	Schweich, Jr. et al.			
	E.J	6	0	1	9	7	2	2	2/2000	Spence et al.			
<i>✓</i>	E.K	6	0	4	5	4	9	7	4/2000	Schweich, Jr. et al.			

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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	E.L						
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	E.R	
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EXAMINER

W. H. Thompson

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11/18/2005

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<i>MC</i>	F.A	6	0	5	0	9	3	6	4/2000	Schweich, Jr. et al.			
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	F.C	6	0	7	7	2	1	4	6/2000	Mortier et al.			
	F.D	6	0	8	5	7	5	4	6/2000	Alferness et al.			
	F.E	6	1	1	0	1	0	0	8/2000	Talpage			
	F.F	6	1	2	3	6	6	2	9/2000	Alferness et al.			
	F.G	6	1	2	5	8	5	2	10/03/00	Stevens et al.			
	F.H	6	1	6	2	1	6	8	12/2000	Schweich, Jr. et al.			
	F.I	6	1	6	5	1	1	9	12/2000	Schweich, Jr. et al.			
	F.J	6	1	6	5	1	2	0	12/2000	Schweich, Jr. et al.			
<i>✓</i>	F.K	6	1	7	9	7	9	1	1/2001	Krueger			

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	F.L						
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<i>MC</i>	G.A	6	1	8	3	4	1	1	2/2001	Mortier et al.			
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	G.C	6	2	6	4	6	0	2	7/2001	Mortier et al.			
	G.D	6	2	6	0	5	5	2	7/2001	Mortier et al.			
	G.E	6	2	9	3	9	0	6	9/2001	Vanden Hoek et al.			
	G.F	6	2	9	3	9	0	6	09/25/01	Vanden Hoek et al.			
	G.G	6	3	1	9	2	3	1	11/20/01	Andrulis			
	G.H	6	3	2	4	4	3	0	11/27/01	Zarinetchi et al.			
	G.I	6	3	2	4	4	3	1	11/27/01	Zarinetchi et al.			
	G.J	6	3	3	2	8	6	3	12/25/01	Schweich, Jr. et al.			
<i>✓</i>	G.K	6	3	3	2	8	6	4	12/25/01	Schweich, Jr. et al.			

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EXAMINER

Ami Chakrapani

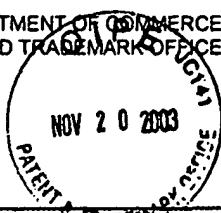
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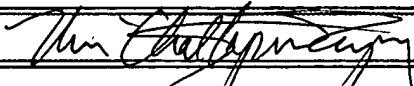

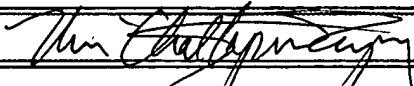

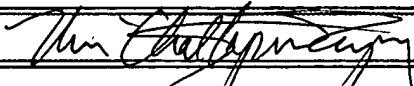
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	Heart Wall Actuation Device for the Natural Heart																				
<p>Application Number: 10/618986 </p> <p>Confirmation Number: 5972</p> <p>First Named Applicant: David Melvin</p> <p>Attorney Docket Number: MELV-02CT</p> <p>Art Unit: 3738</p> <p>Examiner: Urmi Chattopadhyay</p> <p>Search string: (6375611).pn.</p> <p><u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:</p> <p>That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>6375611</td><td>2002-04-23</td><td>Voss et al.</td><td>B1</td><td>600</td><td>210</td></tr></tbody></table> <p>Signature</p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td></td><td>11/10/2005</td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	6375611	2002-04-23	Voss et al.	B1	600	210	Examiner Name	Date		11/10/2005
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass														
	1	6375611	2002-04-23	Voss et al.	B1	600	210														
Examiner Name	Date																				
	11/10/2005																				

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PATENT AND TRADEMARK OFFICE
SEP 07 2004
37 CFR 1.98(b)

U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
	A.A	6 1 8 3 4 1 1	02/06/01	Mortier et al.					
	A.B								
	A.C								
	A.D								
	A.E								
	A.F								
	A.G								
	A.H								
	A.I								
	A.J								
	A.K								

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)		
A.L	WO 00/18320	04/06/00	International				
A.M	WO 01/91667	12/06/01	International				
A.N	WO01/67985	02/16/01	International				
A.O							
A.P							
A.Q							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)	
A.R	Melvin et al., Cyclic Device for Restructuring Heart Chamber Geometry, US2003/023132, published January 30, 2003.
A.S	
A.T	

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